NOVEMBER/DECEMBER 2023

FCA31/FCS31/FSC31/CCA31/CCS31/CSC31 — PROGRAMMING IN JAVA

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

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Answer ALL questions.

1. Define Identifiers.
2. What is JVM?
3. Write the syntax for declaring interface.
4. What do you meant by Garbage collection in Java?
5. How to initialize Array?
6. Mention about String Builder class in Java.
7. Write a note on Directory stream.
8. Define Concurrency.
9. List out the AWT Controls.
10. Define Applets.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write a note on Class declaration and modifiers.

Or

(b) Discuss about the Polymorphism.

12. (a) Describe the literal values for all Primitive types in java languages.

Or

(b) How to overload constructor in java? Explain with examples.

13. (a) Discuss on the string class in java.

Or

(b) Write about the Arrays and its types.

14. (a) Illustrate the concept of collection framework in Java.

Or

(b) Discuss in detail about thread states.

15. (a) How to working with graphics class in java? Describe it.

Or

(b) Write about an Applet Programs.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the inheritance concept of java with example.

17. Discuss about operators and its types in java.

18. Write a note on creating loop constructors with example.

19. Describe the concept of files and directory attributes.

20. Explain about the event classes in Java languages.

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